



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY  
3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

November 13, 2007

Ms. Shirley J. Olinger, Manager  
Office of River Protection  
United States Department of Energy  
P.O. Box 450, MSIN: H6-60  
Richland, Washington 99352

Mr. William S. Elkins, Project Director  
Bechtel National, Inc.  
2435 Stevens Center Place, MSIN: H4-02  
Richland, Washington 99354

Re: Submittal of Hanford Facility RCRA Permit Modification Notification Form  
24590-PTF-PCN-ENV-07-001; Class <sup>1</sup>1 Modification to the Hanford Facility Dangerous  
Waste and Resource Conservation and Recovery Act (RCRA) Permit for the Treatment,  
Storage, and Disposal of Dangerous Waste, Part III, Operating Unit 10 (Waste Treatment  
and Immobilization Plant), WA7890008967

0074233

Dear Ms. Olinger and Mr. Elkins:

The Department of Ecology approves the referenced Class <sup>1</sup>1 Modification submitted  
October 26, 2007. The approved Hanford Facility RCRA Permit Modification Notification Form  
is enclosed.

Modification 24590-PTF-PCN-ENV-07-001 provides the updated general arrangement  
drawing (24590-PTF-P1-P01T-00003, Revision 3) for the fifty-six foot elevation of the  
Pretreatment Facility.

If there are any questions, contact me at 509-372-7882 or Robbie Biyani at 509-372-7884.

Sincerely,

Brenda Becker-Khaleel  
WTP Permit Writer  
Nuclear Waste Program

bcs/jc  
Enclosure

cc: See next page

**RECEIVED**  
NOV 19 2007  
**EDMC**

Ms. Olinger and Mr. Elkins  
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cc electronic w/enc:

Dave Bartus, EPA  
John Eschenberg, USDOE  
Lori Huffman, USDOE  
Tony McKarns, USDOE  
Gae Neath, USDOE  
Don Sommer, USDOE  
William Taylor, USDOE  
Julie Colby, BNI  
Brad Erlandson, BNI  
Peggy Fisher, BNI  
Stan Hill, BNI  
Dennis Klein, BNI  
Sandi Murdock, BNI  
Suzette Thompson, FHI  
Phil Peistrup, WGI

cc w/enc:

*H-0-8*  
Administrative Record: Tank Waste Treatment Requirements  
Environmental Portal  
USDOE-ORP Correspondence Control

Quarter Ending December 31,  
2007

24590-PTF-PCN-ENV-07-001

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**Hanford Facility RCRA Permit Modification Notification Form****Part III, Operating Unit 10****Waste Treatment and Immobilization Plant**

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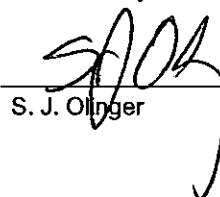
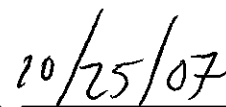
## Index

Page 2 of 3: Hanford Facility RCRA Permit, Part III, Operating Unit 10, Waste Treatment and Immobilization Plant  
Update Pretreatment Facility General Arrangement Plan for the 56'-0" elevation as well as applicable sections  
in Appendix 8.4 of the Dangerous Waste Permit.

Submitted by Co-Operator:

  
D. A. Klein  
Date

Reviewed by ORP Program Office:

  
S. J. Olinger  
Date

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2007

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<b>Hanford Facility RCRA Permit Modification Notification Form</b>								
Unit: <b>Waste Treatment and Immobilization Plant</b>		Permit Part & Chapter: <b>Part III, Operating Unit 10</b>						
<p><u>Description of Modification:</u></p> <p>The purpose of this Class 1 Prime modification is to update the Pretreatment Facility General Arrangement Plan for the 56'-0" elevation and applicable sections in Appendix 8.4 of the Dangerous Waste Permit. The following General Arrangement Drawing is submitted to replace the "permit" General Arrangement Drawing currently in Appendix 8.4.</p>								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 2px;">Appendix 8.4</td> </tr> <tr> <td style="padding: 2px;">Replace: 24590-PTF-P1-P01T-P0003, Rev. 0</td> <td style="padding: 2px;">With: 24590-PTF-P1-P01T-00003, Rev. 3</td> </tr> </table>					Appendix 8.4		Replace: 24590-PTF-P1-P01T-P0003, Rev. 0	With: 24590-PTF-P1-P01T-00003, Rev. 3
Appendix 8.4								
Replace: 24590-PTF-P1-P01T-P0003, Rev. 0	With: 24590-PTF-P1-P01T-00003, Rev. 3							
<p>This modification requests Ecology approval of the specific changes to the General Arrangement Drawing that are identified by notes, clouds, and revision triangles shown on the General Arrangement Drawing that has been issued since the last revision of the permit version. Revisions are the result of ongoing design. The following identifies the significant types of changes on the attached drawing:</p> <ul style="list-style-type: none"> <li>Updated configuration of components</li> <li>Added and removed holds</li> <li>Deleted HEPA Compactor (PFH-CPT-00001)</li> <li>Deleted bulge (CXP-BULGE-00005)</li> <li>Added breakpots (UFP-BRKPT-1A/1B)</li> <li>Added FEP-SKID-00001A/B to room P-0304</li> </ul>								
<p>The following are outstanding change documents that have not been incorporated into this modification:</p> <ul style="list-style-type: none"> <li>24590-PTF-P1N-P23T-00044</li> <li>24590-PTF-P1N-P01T-00101</li> </ul>								
WAC 173-303-830 Modification Class: <sup>1 2</sup>		Class 1	Class <sup>1</sup> 1	Class 2	Class 3			
Please mark the Modification Class:			X					
<p>Enter Relevant WAC 173-303-830, Appendix I Modification citation number: NA</p> <p>Enter wording of WAC 173-303-830, Appendix I Modification citation:</p> <p>In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class <sup>1</sup>1 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."</p>								

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to a Class '1, if applicable.

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2007

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Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial)	Reviewed by Ecology:
<u>Reason for denial:</u>	 11/13/07
	B. Becker-Khaleel Date